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**PALM INTRANET**

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US 20060000141 A1	US- PGPUB	20060105		Autooxidation internal heating type steam reforming system	48/127.9		Kuwabara; Takeshi et al.
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US 20050237234 A1	US- PGPUB	20051027		Analog-digital converter with gain adjustment for high- speed operation	341/155		Kobayashi, Shigeto et al.
US 20050230283 A1	US- PGPUB	20051020		Foldable accommodating box	206/600	206/386	Kobayashi, Shigeru et al.
US 20050219111 A1	US- PGPUB	20051006		Amplifier circuit and analog-to- digital circuit using the same	341/172		Kobayashi, Shigeto et al.
US 20050219109 A1	US- PGPUB	20051006		Technique for comparing analog signal with reference voltage	341/165		Kobayashi, Shigeto et al.
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US 20050200703 A1	US- PGPUB	20050915		Printer-incorporated electronic still camera	348/207.2		Kobayashi, Shigeto et al.
US 20050200512 A1	US- PGPUB	20050915		Analog-to-digital converter including a plurality of amplifier circuits	341/155		Tani, Kuniyuki et al.
US 20050200511 A1	US- PGPUB	20050915		Analog-digital converter optimized for high speed operation	341/155		Wada, Atsushi et al.

US 20050190095 A1	US- PGPUB	20050901		Analog/digital converting device	341/162		Wada, Atsushi et al.
US 20050187363 A1	US- PGPUB	20050825		Tetrafluoroethylene copolymer	526/247	526/250; 526/253	Oharu, Kazuya et al.
US 20050174277 A1	US- PGPUB	20050811		Analog-digital converter with advanced scheduling	341/156	341/162	Tani, Kuniyuki et al.
US 20050169488 A1	US- PGPUB	20050804		Acoustic characteristic adjustment device	381/98	381/94.3; 381/97	Kato, Shinjiro et al.
US 20050168369 A1	US- PGPUB	20050804		Analog-digital conversion method and analog-digital converter	341/156	341/162	Kobayashi, Shigeto et al.
US 20050164520 A1	US- PGPUB	20050728		Method for manufacturing semiconductor device	438/778		Muranaka, Koji et al.
US 20050143853 A1	US- PGPUB	20050630		Mass-production transfer support system and semiconductor manufacturing system	700/121	700/109	Akimori, Hiroyuki et al.
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US 20050058823 A1	US- PGPUB	20050317		Method of producing a microporous polyolefin membrane	428/315.5	264/41	Funaoka, Hidehiko et al.
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US 20040265937 A1	US- PGPUB	20041230		Reagent for assaying laminin 5 antigen in biological sample and assay method	435/7.92		Katayama, Masahiko et al.
US 20040222910 A1	US- PGPUB	20041111		Analog-to-digital converting circuit and image processing circuit cyclically repeating AD conversion	341/156	341/161	Kobayashi, Shigeto
US 20040204549 A1	US- PGPUB	20041014		Saponified, alkoxyl group-containing ethylene-vinyl acetate copolymer and its processed products	525/330.6		Yoshimi, Kazuyori et al.
US 20040187247 A1	US- PGPUB	20040930		Wiper blade having fin	15/250.201	15/250.361; 15/250.44	Torii, Naoki et al.
US 20040186643 A1	US- PGPUB	20040923		Pedestrian protection system mounted on vehicle	701/45	180/274; 296/187.04	Tanaka, Taichi et al.
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20040152834 A1	PGPUB			stabilizer for suspension polymerization of vinyl compound and method of producing the same			al.
US 20040151500 A1	US- PGPUB	20040805		OVPN system, OVPN terminating device, collective controlling device, and optical communication network	398/58	370/395.53; 370/400	Misawa, Akira et al.
US 20040145717 A1	US- PGPUB	20040729		Paper lateral edge detector for printer	355/133		Kobayashi, Shigeto
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US 20040125006 A1	US- PGPUB	20040701		Analog-to-digital conversion circuit	341/155		Tani, Kuniyuki et al.
US 20040111820 A1	US- PGPUB	20040617		Wiper blade provided with detachable blade rubber and wiper system having the same	15/250.201	15/250.32; 15/250.43	Aoyama, Toshiharu et al.
US 20040105749 A1	US- PGPUB	20040603		Work arrangement apparatus	414/789.5		Tokita, Masakuni et al.
US 20040105134 A1	US- PGPUB	20040603		Member mounting structure and member mounting apparatus	358/474	358/483	Morii, Yoshihiro et al.
US 20040102863 A1	US- PGPUB	20040527		Method of determining movement sequence, alignment apparatus, method	700/97		Yoshida, Koji et al.

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US 20040066320 A1	US- PGPUB	20040408		Multi-stage pipeline type analog-to-digital conversion circuit for adjusting input signals	341/139	341/122; 341/158	Kobayashi, Shigeto
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US 20030209585 A1	US- PGPUB	20031113		Conductive powder applying device immersing substrate into conductive powder by rotating tank including conductive powder and substrate at opposing positions	228/41		Katayama, Masatoshi
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US 20030174199 A1	US- PGPUB	20030918		Electroluminescent device with sufficient luminous power and driving method thereof	347/237	347/238; 347/247	Inoue, Takashi et al.
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US 20030147543 A1	US- PGPUB	20030807		Audio amplifier unit	381/309	381/26; 381/307	Katayama, Masaki et al.
US 20030138962 A1	US- PGPUB	20030724		Analyzing method of a blood coagulation reaction	436/69	435/13	Katayama, Masayuki et al.
US 20030132417 A1	US- PGPUB	20030717		Method and apparatus for preparing slurry for CMP apparatus	252/2		Kobayashi, Shigeki
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US 20030109654 A1	US- PGPUB	20030612		Process for producing a tetrafluoroethylene polymer having high strength	526/250		Kobayashi, Shigeki et al.
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US 20030083202 A1	US- PGPUB	20030501		Roots-inducing agent of plants and its treatment method	504/284		Katayama, Masato et al.
US 20030065115 A1	US- PGPUB	20030403		Process for producing a tetrafluoroethylene polymer	526/250	526/249	Kobayashi, Shigeki et al.
US 20030045762 A1	US- PGPUB	20030306		Process for preparing bicyclo[2.2.1]	585/361		Tsubouchi, Toshiyuki et al.

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US 20020191087 A1	US- PGPUB	20021219		Communication apparatus and method that link a network address with designated image information	348/231.3		Hashimoto, Yasuhiko et al.
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US 20020182375 A1	US- PGPUB	20021205		PRINTING MEDIUM, PRODUCTION PROCESS THEREOF, AND INK JET PRINTING METHOD USING THE SAME	428/32.34	428/204; 428/207	KASHIWAZAKI, AKIO et al.
US 20020169265 A1	US- PGPUB	20021114		Process for producing a tetrafluoroethylene polymer excellent in strength	526/250	526/78; 526/915	Kobayashi, Shigeki et al.
US 20020167272 A1	US- PGPUB	20021114		EL element, method for forming EL element, and display panel that uses EL element	313/509	427/273; 427/66; 428/131; 428/212; 428/917	Inoue, Takashi et al.
US 20020161149 A1	US- PGPUB	20021031		Tetrafluoroethylene polymer for stretching	526/250	521/142	Kobayashi, Shigeki et al.
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US 20020105638 A1	US- PGPUB	20020808		Apparatus for inspecting display panel and method for inspecting the same	356/239.1		Kobayashi, Shigetaka
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US 6930717 B1	USPAT	20050816		Printer-incorporated electronic still camera	348/333.02	348/207.2; 348/208.2; 348/333.07	Kobayashi; Shigeto et al.
US 6900749 B2	USPAT	20050531		Analog-to-digital conversion circuit	341/118	341/162	Tani; Kuniyuki et al.
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US 6886733 B2	USPAT	20050503		Conductive powder applying device immersing substrate into conductive powder by rotating tank including conductive powder and substrate at opposing positions	228/41	118/640; 228/248.1	Katayama; Masatoshi
US 6885908 B2	USPAT	20050426		Method of determining movement sequence, alignment apparatus, method and apparatus of designing optical system, and medium in which program realizing the designing method	700/191	700/279; 700/56	Yoshida; Koji et al.
US 6883983 B2	USPAT	20050426		Paper lateral edge detector for printer	400/408	347/234; 347/262; 347/264; 400/409; 400/61	Kobayashi; Shigeto
US 6851417 B2	USPAT	20050208		Ignition device for internal combustion engine	123/634		Katayama; Masahiro et al.

US 6843842 B2	USPAT	20050118		Glass coating agent and method for coating glass material using the same	106/287.16	106/287.17; 106/287.19; 556/1; 556/183; 556/442; 556/55; 556/90	Shimamura; Eihaku et al.
US 6841713 B2	USPAT	20050111		Process for preparing bicyclo[2.2.1] heptane derivatives	585/664	585/317; 585/666; 585/667; 585/668; 585/669; 585/670	Tsubouchi; Toshiyuki et al.
US 6824865 B1	USPAT	20041130		Microporous polyolefin film and process for producing the same	428/315.5	428/220; 428/315.7; 428/315.9; 428/319.3	Funaoka; Hidehiko et al.
US 6822598 B2	USPAT	20041123		Multi-stage pipeline type analog-to- digital conversion circuit for adjusting input signals	341/155	341/161; 341/172	Kobayashi; Shigeto
US 6822060 B2	USPAT	20041123		Process for producing a tetrafluoroethylene polymer excellent in strength	526/250	526/234; 526/78; 526/81; 526/915; 526/919	Kobayashi; Shigeki et al.
US 6804016 B2	USPAT	20041012		Control apparatus for a scanner/printer	358/1.13 CIPG 20060101 A H04N H04N1/00 L I R US M 20060101 CICL H04N CIPS H04N1/00 20060101 CIPG 20060101 A H04N H04N1/00 L I R US M	358/1.1	Hashimoto; Yasuhiko et al.

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US 6803437 B2	USPAT	20041012		Process for producing a tetrafluoroethylene polymer having high strength	526/250	524/520; 524/545; 525/194	Kobayashi; Shigeki et al.
US 6794678 B2	USPAT	20040921		Semiconductor integrated circuit device, method of testing semiconductor integrated circuit device and method of manufacturing semiconductor integrated circuit device	257/48	365/201	Hasegawa; Masatoshi et al.
US 6794470 B2	USPAT	20040921		Process for producing a tetrafluoroethylene polymer	526/250	203/67; 203/74; 526/249	Kobayashi; Shigeki et al.
US 6791682 B2	USPAT	20040914		Apparatus for inspecting display panel and method for inspecting the same	356/239.1	356/239.2	Kobayashi; Shigetaka
US 6771805 B1	USPAT	20040803		Perspective viewing inspection system	382/147	382/149; 382/150; 382/151; 382/154	Kobayashi; Shigeki
US 6755913 B1	USPAT	20040629		Multi-color change device with conductive coating material for electrostatic coating	118/620	118/323; 118/621; 239/305; 239/397; 239/695; 427/483; 427/595; 427/8	Kobayashi; Shigeru et al.
US 6750979 B1	USPAT	20040615		Printer-incorporated electronic still camera	358/1.14	348/207.2; 348/375; 358/1.15	Kobayashi; Shigeto et al.

US 6747678 B1	USPAT	20040608		Audio system, its control method and storage medium	715/773	345/440; 381/106; 381/109; 715/727; 715/771; 715/833	Katayama; Masaki et al.
US 6721564 B1	USPAT	20040413		Mobile communication terminal apparatus having hand-over requesting function, hand-over control device, hand-over controlling method and storage medium storing the hand-over controlling method	455/436	370/330; 370/331; 370/333; 455/437; 455/439; 455/442; 455/450; 455/513	Kobayashi; Shigeyuki
US 6716492 B1	USPAT	20040406		Recording medium for ink-jet recording	428/32.1	428/32.18; 428/43	Moriya; Kenichi et al.
US 6710543 B2	USPAT	20040323		EL element, method for forming EL element, and display panel that uses EL element	313/509	216/5; 313/506; 313/521; 445/24	Inoue; Takashi et al.
US 6693751 B2	USPAT	20040217		Member mounting structure and member mounting apparatus	359/819	353/100; 359/811; 362/455; 396/526	Morii; Yoshihiro et al.
US 6693229 B2	USPAT	20040217		Inbred broccoli line VBC-406	800/306	435/410; 435/421; 435/430.1; 800/260	Sasayama; Junichi et al.
US 6691940 B2	USPAT	20040217		Fishing spinning reel	242/232		Katayama; Masatoshi et al.
US 6676911 B1	USPAT	20040113		Exhaust gas treating agent, process for producing the same, and method of treating exhaust gas	423/210	423/240R; 423/243.01; 502/407; 502/411	Yamamoto; Takanori et al.
US 6676296 B2	USPAT	20040113		Radial bearing and transmission using the same	384/276	384/282; 384/294; 384/299	Inoue; Tomoaki et al.
US 6670749 B2	USPAT	20031230		Electroluminescent device	313/506		Inoue; Takashi et al.
US 6666969	USPAT	20031223		Microporous	210/500.36	210/490;	Funaoka;

B1				polyolefin film and process for producing the same		210/500.27; 264/235.8; 264/41	Hidehiko et al.
US 6651674 B2	USPAT	20031125		Hair heating device having concentric reverse reduction gearing	132/211	132/271; 219/222; 34/96; 607/109	Ozaki; Shigetsugu et al.
US 6646078 B2	USPAT	20031111		Method of producing paraffin wax for aqueous dispersion polymerization of tetrafluoroethylene and method of producing a polytetrafluoroethylene using the same	526/207	524/700; 526/250; 526/255	Kobayashi; Shigeki et al.
US 6601623 B1	USPAT	20030805		Pneumatic tire	152/209.15	152/209.23; 152/902; 152/DIG.3	Katayama; Masahiro
US 6598727 B2	USPAT	20030729		Automatic wire alignment apparatus	198/396	414/415; 414/745.1	Kasuya; Kiyoshi
US 6575351 B1	USPAT	20030610		Work/head positioning apparatus for ball mount apparatus	228/207	228/246	Kobayashi; Shigeharu et al.
US 6570800 B2	USPAT	20030527		High speed clock synchronous semiconductor memory in which the column address strobe signal is varied in accordance with a clock signal	365/219	365/220; 365/230.01; 365/233	Tanaka; Yousuke et al.
US 6566012 B1	USPAT	20030520		Polyolefin microporous film and method for preparing the same	429/254	210/500.42; 264/210.4; 264/235.8; 264/41; 521/79	Takita; Kotaro et al.
US 6556834 B1	USPAT	20030429		CDMA mobile terminal apparatus	455/464	370/431; 370/437; 455/450; 455/455	Kobayashi; Shigeyuki et al.
US 6538058 B2	USPAT	20030325		Polytetrafluoroethylene composition,	524/495	428/325; 524/322;	Kobayashi; Shigeki et al.

				method for its production and granulated product		524/546	
US 6533650 B2	USPAT	20030318		Grinding stone	451/548	451/547	Yoshida; Takuma et al.
US 6533475 B2	USPAT	20030318		Instant photo film pack and method for producing the same	396/517	396/527	Katayama; Masaya
US 6532057 B1	USPAT	20030311		Exposure apparatus and method	355/53	355/72; 355/75	Kobayashi; Shigeo
US 6531534 B1	USPAT	20030311		Thermoplastic resin composition	524/451	524/145	Katayama; Masahiro
US 6523632 B1	USPAT	20030225		Vehicle equipped with turning mechanism	180/236	180/242; 180/253; 180/411	Hanaoka; Tadashi et al.
US 6523456 B1	USPAT	20030225		Sliding members and piston for internal combustion engine	92/158		Kobayashi; Shigemi et al.
US 6523357 B1	USPAT	20030225		Absorption refrigerator	62/141	62/112; 62/476	Katayama; Masatoshi
US 6522781 B1	USPAT	20030218		Particle image analyzer	382/203	250/574; 356/39; 356/73; 382/129; 382/133	Norikane; Masatomo et al.
US 6521323 B1	USPAT	20030218		Recording medium	428/195.1		Sakaki; Mamoru et al.
US 6518381 B2	USPAT	20030211		Tetrafluoroethylene polymer for stretching	526/255	428/304.4; 521/50; 526/242; 526/250	Kobayashi; Shigeki et al.
US 6515758 B2	USPAT	20030204		Printing apparatus and printing method for converting print data to a representation supported by a selected printer	358/1.15	358/1.13	Uda; Toyokazu et al.
US 6515498 B1	USPAT	20030204		Apparatus and method for pressing prober	324/757	324/158.1	Kobayashi; Shigetaka et al.
US 6511716 B1	USPAT	20030128		Method of surface treatment for recording medium	427/515	427/130; 427/131; 427/340;	Itai; Yuichiro et al.

						427/407.1; 427/558; 427/559	
US 6507371 B1	USPAT	20030114		Communication apparatus and method that link a network address with designated image information	348/552	340/988; 348/207.1; 709/245	Hashimoto; Yasuhiko et al.
US 6500523 B1	USPAT	20021231		Recording medium, and image forming method employing the same	428/32.21	347/105; 428/32.29; 428/32.33	Hirose; Mifune et al.
US 6498207 B1	USPAT	20021224		Aqueous polytetrafluoroethylene dispersion composition	524/378	524/198; 524/369; 524/385; 524/389; 524/538; 524/546; 525/539	Hoshikawa; Jun et al.
US D467299 S	USPAT	20021217		Fishing reel body	D22/141		Kondo; Takashi et al.
US 6495241 B2	USPAT	20021217		Image-transfer medium for ink-jet printing, transfer printing process using the same, and transfer printing cloth	428/195.1	156/230; 428/196; 428/326; 428/327	Sato; Yuko et al.
US 6475601 B1	USPAT	20021105		Printing paper, and ink-jet printing process using the same	428/32.21	347/105; 428/32.3; 428/32.34	Sakaki; Mamoru et al.
US 6468633 B1	USPAT	20021022		Printing medium, production process thereof, and ink jet printing method using the same	428/32.34	347/105; 427/146	Kashiwazaki; Akio et al.
US 6465765 B2	USPAT	20021015		Fluid heating apparatus	219/630	219/629; 219/667	Katayama; Masakazu et al.
US 6464539 B2	USPAT	20021015		Lamp fitting structure	439/619	439/617; 439/699.2	Yoshida; Tatsumi et al.
US 6461507 B1	USPAT	20021008		Continuous squeeze-dewatering device	210/333.01	210/111; 210/117; 210/225; 210/231;	Ishigaki; Eiichi et al.

						210/313; 210/314; 210/334; 210/346; 210/411; 210/413; 366/309; 366/330.7; 416/237; 416/241R	
US 6460338 B1	USPAT	20021008		Absorption waste- heat recovery system	60/651	60/673; 60/676	Katayama; Masatoshi et al.
US 6451482 B1	USPAT	20020917		Non-aqueous electrolyte secondary batteries	429/231.1	429/231.8	Watanabe; Shoichiro et al.
US 6427737 B1	USPAT	20020806		Pneumatic tire having at least four sipes	152/209.21	152/209.23; 152/902; 152/DIG.3	Katayama; Masahiro
US 6426385 B2	USPAT	20020730		Resin composition and injection- molded article	525/191	525/240	Kobayashi; Shigeichi
US 6417257 B1	USPAT	20020709		Polycarbonate resin composition	524/141	525/67; 525/92E	Katayama; Masahiro et al.
US 6406142 B1	USPAT	20020618		Image forming process using a transfer medium having a support with an index	347/103	156/235; 156/240; 428/32.12; 428/913; 428/914; 430/256	Sato; Yuko et al.
US 6399472 B1	USPAT	20020604		Semiconductor device having a fuse and a fabrication method thereof	438/601	257/E21.66; 257/E23.149; 438/132; 438/215; 438/281; 438/467	Suzuki; Seiichi et al.
US 6384859 B1	USPAT	20020507		Methods for creating an image for a three- dimensional display, for calculating depth information and for image processing using the depth information	348/43		Matsumoto; Yukinori et al.

US 6380287 B2	USPAT	20020430		Polycarbonate compositions	524/127	524/141; 524/143; 525/67; 525/92D; 525/92E	Katayama; Masahiro et al.
US 6378641 B1	USPAT	20020430		Vehicle equipped with turning mechanism	180/204	180/411; 180/6.44	Hanaoka; Tadashi et al.
US 6362877 B1	USPAT	20020326		Visual inspection supporting apparatus and printed circuit board inspecting apparatus, and methods of soldering inspection and correction using the apparatuses	356/237.5	257/E21.53; 356/614; 382/151	Kobayashi; Shigeki et al.
US 6355101 B1	USPAT	20020312		Flux transfer apparatus	118/74	118/216; 118/255; 228/223; 228/224; 228/41	Kobayashi; Shigeharu
US 6352189 B1	USPAT	20020305		Ball suction head	228/8	228/246; 228/41	Kobayashi; Shigeharu
US 6347871 B1	USPAT	20020219		Anitglare layer, antiglare film, and optical element	359/613	359/443; 359/599; 359/614	Matsunaga; Takuya et al.
US 6347757 B1	USPAT	20020219		Coal mill and reduction gear used therefor	241/121	184/6.22; 241/107	Takahashi; Takeo et al.
US 6326254 B1	USPAT	20011204		Method of manufacturing semiconductor device	438/217	257/E27.067; 438/223; 438/228; 438/232	Ema; Taiji et al.
US 6322222 B1	USPAT	20011127		Pair of foldaway orthogonal mirrors and fabrication method thereof	359/855	248/467; 248/469; 248/472; 248/474; 359/857; 359/862; 359/872; 359/900; 359/903	Kobayashi; Shigeki
US 6321266 B1	USPAT	20011120		Input/output apparatus connected	709/226	358/400	Yokomizo; Yoshikazu et al.

				to a plurality of host computers via a network			
US 6317293 B1	USPAT	20011113		Magnetic head slider	360/235.4		Katayama; Masaki
US 6316579 B1	USPAT	20011113		Polycarbonate resin composition containing block copolymer	528/196	524/338; 525/394; 525/439; 525/462; 525/466; 525/67; 525/92E; 528/198	Katayama; Masahiro et al.
US 6308244 B1	USPAT	20011023		Information processing apparatus with improved multiple memory access and control	711/148	365/230.03; 710/7; 711/163; 711/168	Katayama; Masatoshi
US 6303865 B1	USPAT	20011016		Waterproof structure for wire harness	174/72A	174/17.08; 174/77R; 174/88R	Yamamoto; Takatatsu et al.
US 6291712 B1	USPAT	20010918		Process for producing saturated aliphatic carboxylic acid amide	564/143	564/134; 564/135; 564/137; 564/138	Saihata; Shinya et al.
US 6284120 B1	USPAT	20010904		Method of electroplating and electrodeposit structure	205/50	205/78	Imamura; Takahiro et al.
US 6283602 B1	USPAT	20010904		Lighting device, liquid crystal display unit, and electronic equipment	362/608	362/26; 362/27	Kawaguchi; Yoshito et al.
US 6276149 B1	USPAT	20010821		Air conditioner	62/160	62/324.6; 62/505	Katayama; Masashi et al.
US 6275056 B1	USPAT	20010814		Prober device having a specific linear expansion coefficient and probe pitch and method of probing thereof	324/760	324/754	Kobayashi; Shigetaka
US 6274793 B1	USPAT	20010814		Inbred broccoli line 194-6-2CMS	800/306	435/410; 435/430;	Kobayashi; Shigetoshi et al.

						800/300; 800/301; 800/302; 800/303	
US 6254933 B1	USPAT	20010703		Method of chemical vapor deposition	427/248.1	117/105; 117/84; 118/724; 118/725; 427/255.18	Habuka; Hitoshi et al.
US 6254740 B1	USPAT	20010703		Sputtering method of producing and electroluminescent device with improved blue color purity	204/192.25	204/192.15; 204/192.29	Kato; Akira et al.
US 6252502 B1	USPAT	20010626		Alarm detection apparatus	340/506	340/507; 340/526; 714/704; 714/708	Kubo; Masaki et al.
US 6252319 B1	USPAT	20010626		Disk rotating mechanism	310/67R	310/51; 360/98.07; 360/99.04; 360/99.05; 360/99.08	Sudo; Fumiharu et al.
US 6251743 B1	USPAT	20010626		Method of liquid treatment of microstructures comprising bendable structural members	438/397	438/216; 438/239; 438/6	Nakano; Motoo et al.
US 6249402 B1	USPAT	20010619		Magnetic head slider	360/234.7	360/294.4	Katayama; Masaki
US 6245272 B1	USPAT	20010612		Polyolefin microporous film and method for preparing the same	264/210.4	210/500.42; 264/235.8; 264/290.2; 264/41; 429/254; 521/143; 521/79	Takita; Kotaro et al.
US 6242134 B1	USPAT	20010605		Method of producing positive active material for non-aqueous electrolyte secondary batteries	429/223	429/221; 429/224; 429/231.1; 429/231.3; 429/231.95	Fujiwara; Takafumi et al.
US 6238492	USPAT	20010529		Soft magnetic thin	148/306	148/310;	Nakanishi; Kanji

B1				film, method for preparing same and magnetic head		148/311; 420/128	et al.
US 6207302 B1	USPAT	20010327		Electroluminescent device and method of producing the same	428/690	313/509; 427/255.31; 427/255.32; 427/255.36; 427/255.7; 427/66; 427/70; 428/212; 428/701; 428/702; 428/917	Sugiura; Kazuhiko et al.
US 6203899 B1	USPAT	20010320		Printing medium, and ink-jet printing process and image-forming process using the same	428/32.25	347/105; 347/106; 428/32.29; 428/328; 428/329; 428/331; 428/342; 428/409	Hirose; Mifune et al.
US 6202428 B1	USPAT	20010320		Air conditioner	62/160	62/324.6; 62/505	Katayama; Masashi et al.
US 6195508 B1	USPAT	20010227		Photo film pack for self-developing photo film units with light-shielding cover sheet, and instant camera	396/32	396/34; 396/36	Katayama; Masaya et al.
US 6193946 B1	USPAT	20010227		Process for the preparation of a lithium composite metal oxide	423/594.4	423/599; 423/600	Kawano; Tomoko et al.
US 6190519 B1	USPAT	20010220		Gas sensor element	204/426	204/421	Kobayashi; Shigeyoshi et al.
US 6188850 B1	USPAT	20010213		Printing paper and method of image formation employing the same	399/1	428/341; 428/342	Sakaki; Mamoru et al.
US 6183568 B1	USPAT	20010206		Method for preparing a magnetic thin film	148/121	148/122; 148/306; 148/318; 427/130; 428/704; 428/811.4	Nakanishi; Kanji et al.

US 6177934 B1	USPAT	20010123		Server device and image processing device	715/748	715/764	Sugiura; Susumu et al.
US 6176447 B1	USPAT	20010123		Spinning reel for fishing with a spool having front and rear flange portions	242/322	242/231	Yamaguchi; Akira et al.
US 6174056 B1	USPAT	20010116		Color ink-jet recording method	347/100	347/105	Sakaki; Mamoru et al.
US 6171641 B1	USPAT	20010109		Vacuum processing apparatus, and a film deposition apparatus and a film deposition method both using the vacuum processing apparatus	427/8	204/192.13; 204/192.33; 374/130; 427/248.1	Okamoto; Akira et al.
US D435945 S	USPAT	20010102		Vacuum cleaner	D32/22		Ikeno; Kenji et al.
US 6162041 A	USPAT	20001219		Concrete block forming apparatus	425/421	425/432	Kobayashi; Shigeru
US 6143363 A	USPAT	20001107		Coating and curing composition of water-soluble cationic group-containing reaction product and poly(meth)acrylate	427/261	427/164; 427/386; 427/387; 427/388.2; 427/389; 427/393.5; 523/414; 524/502; 524/503; 524/521; 525/113; 525/187; 525/209; 525/218; 525/57	Noguchi; Hiromichi et al.
US 6139672 A	USPAT	20001031		Image-transfer medium for ink-jet recording and image-transfer printing process	156/235	428/32.12; 428/323; 428/327	Sato; Yuko et al.
US 6132647 A	USPAT	20001017		Blue light emitting material, electroluminescent device using same and method of	252/519.14	252/301.4S; 252/584; 252/586	Katayama; Masayuki et al.

				manufacturing the electroluminescent device			
US 6120707 A	USPAT	20000919		Secondary battery	252/502	252/500; 252/506; 252/510; 252/519.1; 429/221; 429/223; 429/224; 429/231.8; 429/231.95	Shirane; Takayuki et al.
US 6112737 A	USPAT	20000905		Wire saw and method of cutting work	125/16.02	125/21; 83/651	Kinutani; Kazutomo et al.
US 6111016 A	USPAT	20000829		Polycarbonate with epoxidized block copolymer	525/92E	525/107; 525/394; 525/65; 525/67; 525/88; 525/92H	Katayama; Masahiro et al.
US 6103976 A	USPAT	20000815		Wire and cable for use in robot	174/113R	174/126.2	Kobayashi; Shigeru et al.
US 6093943 A	USPAT	20000725		Semiconductor device and method of producing the same	257/306	257/296; 257/773; 257/774; 257/E21.016; 257/E21.577; 257/E21.648; 257/E27.089; 438/253; 438/254; 438/396; 438/397; 438/52	Ikemasu; Shinichiro et al.
US 6092434 A	USPAT	20000725		Ball screw device of ball-circulating-part embedded type	74/424.86	403/343	Matsumoto; Tetsuo et al.
US 6090463 A	USPAT	20000718		Cleaning sheet cleaning method of recording apparatus using the same and stack of recording medium containing the same	428/42.1	15/256.51; 271/37; 428/156; 428/194; 428/40.2; 428/41.8; 428/42.2	Sakaki; Mamoru et al.
US 6090434	USPAT	20000718		Method for	427/64	427/157;	Sugiura;

A				fabricating electroluminescent device		427/255.33; 427/66	Kazuhiko et al.
US 6086011 A	USPAT	20000711		Automatic band charging device for strapping packing machine	242/560	226/176; 226/182; 242/560.1; 242/562.1; 242/563; 242/564.4; 242/566	Shibazaki; Tokio et al.
US 6071648 A	USPAT	20000606		Non-aqueous electrolyte secondary batteries	429/231.1	429/231.8; 429/231.95	Watanabe; Shoichiro et al.
US 6066686 A	USPAT	20000523		Polycarbonate compositions	523/423	524/127; 524/141; 525/67; 525/92E	Katayama; Masahiro et al.
US 6050511 A	USPAT	20000418		Spinning reel with buffer for damping the return force of a bail structure	242/231	188/267.1; 242/234	Katayama; Masatoshi et al.
US 6048793 A	USPAT	20000411		Method and apparatus for thin film growth	438/660	134/22.1; 427/248.1; 427/309; 427/314; 427/534; 438/694; 438/799	Habuka; Hitoshi et al.
US D421994 S	USPAT	20000328		Wire saw housing	D15/133		Kobayashi; Shigeo et al.
US 6028284 A	USPAT	20000222		Electromagnetic relay structure and spot welding machine used for fabricating same	219/80	219/86.1	Kobayashi; Shigeru et al.
US 6008128 A	USPAT	19991228		Method for smoothing surface of silicon single crystal substrate	438/695	257/E21.226; 438/706; 438/734	Habuka; Hitoshi et al.
US 6004618 A	USPAT	19991221		Method and apparatus for fabricating electroluminescent device	427/66	427/109; 427/124; 427/252; 427/255.15; 427/255.28; 427/69	Mizutani; Atsushi et al.
US 5999591	USPAT	19991207		Measuring	378/163	378/162	Kobayashi;

A				instrument and measuring method			Shigeki et al.
US 5999368 A	USPAT	19991207		Magnetic head slider provided with a hard material layer for improved impact resistance and for avoiding cracking of an air bearing surface during production of the magnetic head slider	360/235.2	360/237	Katayama; Masaki
US 5998281 A	USPAT	19991207		SOI wafer and method for the preparation thereof	438/459	148/DIG.12; 156/153; 257/E21.122; 257/E21.567; 438/455; 438/977	Aga; Hiroji et al.
US 5996029 A	USPAT	19991130		Information input/output control apparatus and method for indicating which of at least one information terminal device is able to execute a functional operation based on environmental information	710/15	703/24; 709/217	Sugiyama; Mitsumasa et al.
US 5985358 A	USPAT	19991116		High-speed method for manufacturing an electroluminescent device using dehydrated transport gas and apparatus therefor	427/66	427/255.15; 427/255.28; 427/69	Mizutani; Atsushi et al.
US 5964725 A	USPAT	19991012		Gas exchange apparatus using improved silicone rubber hollow fiber	604/4.01	422/48	Sato; Koshiro et al.
US 5956935 A	USPAT	19990928		High tensile steel filament member	57/212	152/527; 57/218;	Katayama; Masaki et al.

				for rubber product reinforcement		57/237	
US 5955210 A	USPAT	19990921		Electroluminescent device containing blue light emitting material	428/690	252/301.4S; 313/503; 428/917	Katayama; Masayuki et al.
US 5953302 A	USPAT	19990914		Recorded medium playback device with removable panel and having a lever contacting panel and detection switch	720/647	361/814; D14/156	Kobayashi; Shigetoshi
US 5946006 A	USPAT	19990831		Method for correcting density unevenness for a recording head and an image formation apparatus provided with such a method	347/19	347/14; 347/6; 358/296	Tajika; Hiroshi et al.
US 5945582 A	USPAT	19990831		Inbred broccoli line BC-403	800/306	435/430; 800/260; 800/271; 800/273; 800/274; 800/295	Sasayama; Junichi et al.
US 5939210 A	USPAT	19990817		Recording paper, ink-jet recording process and recording system making use of the recording paper	428/32.18	427/180; 428/206; 428/32.21	Hirose; Mifune et al.
US 5938840 A	USPAT	19990817		Method for vapor phase growth	117/200	117/103; 117/84; 117/90; 117/93; 427/248.1	Habuka; Hitoshi et al.
US 5938527 A	USPAT	19990817		Air ventilation or air supply system	454/344	454/303	Oshima; Takeharu et al.
US 5936346 A	USPAT	19990810		Process for the production of electroluminescence element, electroluminescence element	313/506	313/503; 313/511; 313/512	Ishihara; Hajime et al.
US 5933580	USPAT	19990803		Scanner printer	358/1.13	358/1.15;	Uda; Toyokazu et

A				server		358/408; 710/19	al.
US 5932327 A	USPAT	19990803		Electroluminescent element	428/212	257/102; 257/88; 257/98; 313/500; 313/503; 313/506; 313/509; 428/690; 428/699; 428/917	Inoguchi; Kazuhiro et al.
US 5927630 A	USPAT	19990727		Fishing reel	242/248	242/247; 242/298	Katayama; Masatoshi
US 5908728 A	USPAT	19990601		Recording paper, and image forming method employing the same	430/126	347/105; 347/56; 428/211.1; 428/32.21; 428/342; 428/498; 428/537.5	Sakaki; Mamoru et al.
US 5907773 A	USPAT	19990525		Semiconductor device and method of producing the same	438/254	257/E21.016; 257/E21.577; 257/E21.648; 257/E27.089; 438/396	Ikemasu; Shinichiro et al.
US 5906395 A	USPAT	19990525		Air bag apparatus, folded air bag, and method of folding the air bag	280/743.1	280/728.2; 280/730.2	Isaji; Kazuyoshi et al.
US D410014 S	USPAT	19990518		Wire saw housing	D15/133		Kobayashi; Shigeo et al.
US D409209 S	USPAT	19990504		Wire saw housing	D15/133		Kobayashi; Shigeo et al.
US 5892333 A	USPAT	19990406		Electroluminescent device and method for producing the same	313/506	313/502; 313/503; 313/507	Mizutani; Atsushi et al.
US 5888633 A	USPAT	19990330		Micro-structures having structural members capable of withstanding permanent bend	428/212	257/E21.016; 428/188; 428/332; 428/542.8; 428/543	Nakano; Motoo et al.
US 5880751 A	USPAT	19990309		Ink jet recording apparatus and ink droplet amount	347/14		Nishikori; Hitoshi et al.

				ejection control method therefor			
US 5874876 A	USPAT	19990223		Electromagnetic relay structure	335/128	335/202	Kobayashi; Shigeru et al.
US 5874875 A	USPAT	19990223		Electromagnetic relay structure and spot welding machine used for fabricating same	335/128	335/104; 335/193; 335/257; 335/277	Kobayashi; Shigeru et al.
US 5865162 A	USPAT	19990202		Wire saw and work slicing method	125/16.02	125/21	Kambe; Takashi et al.
US 5861785 A	USPAT	19990119		Electromagnetic relay	335/85	335/281	Kobayashi; Shigeru et al.
US 5861194 A	USPAT	19990119		Composition of cationic group-containing polymer, and condensable group-containing polymer or poly (meth) acrylate.	427/386	427/387; 427/388.2; 427/389; 427/393.5; 523/414; 524/502; 524/503; 524/521; 525/113; 525/187; 525/209; 525/218; 525/57	Noguchi; Hiromichi et al.
US 5859956 A	USPAT	19990112		Information processing device and information processing method	358/1.13	358/1.15	Sugiyama; Mitsumasa et al.
US D403685 S	USPAT	19990105		Wire saw housing	D15/133		Kobayashi; Shigeo et al.
US 5855201 A	USPAT	19990105		Gas exchange apparatus	128/200.11	128/200.24; 128/203.12; 128/203.25; 128/205.12; 210/321.6; 210/321.87; 422/44; 422/45	Fukui; Yasuhiro et al.
US 5854860 A	USPAT	19981229		Image filing apparatus having a character recognition function	382/305	382/291	Kobayashi; Shigetada
US 5853552 A	USPAT	19981229		Process for the production of	204/192.26	204/192.1; 204/192.15;	Ishihara; Hajime et al.

				electroluminescence element, electroluminescence element		204/192.29	
US 5851487 A	USPAT	19981222		Data checking apparatus	422/68.1	356/73; 422/55; 422/56; 422/82.05; 436/63	Katayama; Masayuki et al.
US 5825843 A	USPAT	19981020		Medical inspection system and method for locating position of patient's table	378/20	378/209	Kobayashi; Shigeo
US 5822507 A	USPAT	19981013		Scanner printer server for selectively controlling a scanner and a printer in accordance with a copy operation	358/1.15	358/1.6; 358/450; 382/284; 710/73; 715/911	Uda; Toyokazu et al.
US 5822449 A	USPAT	19981013		Teaching method and system for mounted component inspection	382/141	348/126; 382/147; 382/149	Kobayashi; Shigeki et al.
US 5821814 A	USPAT	19981013		Negative feedback amplifier	330/277	250/214A; 250/214AG; 330/110; 330/282; 330/308	Katayama; Masatoshi et al.
US 5820052 A	USPAT	19981013		Spinning reel for fishing having a support arm with a support member mounting portion	242/232		Yamaguchi; Akira et al.
US 5815396 A	USPAT	19980929		Vacuum processing device and film forming device and method using same	700/123		Shimamura; Hideaki et al.
US 5804494 A	USPAT	19980908		Method of fabricating bonded wafer	438/455	148/DIG.12; 257/E21.122; 257/E21.224; 257/E21.567; 438/406	Mitani; Kiyoshi et al.
US 5798397 A	USPAT	19980825		Active energy ray-curable	522/81	101/462; 101/466;	Noguchi; Hiromichi et al.

				composition, recording medium and image-forming method employing the same		427/146; 428/423.7; 428/424.2; 428/425.1; 428/511; 522/100; 522/103; 522/173; 522/175; 522/85; 522/88; 522/92	
US 5789788 A	USPAT	19980804		Semiconductor device with first and second wells which have opposite conductivity types and a third well region formed on one of the first and second wells	257/371	257/529; 257/E27.067	Ema; Taiji et al.
US 5782418 A	USPAT	19980721		Spinning reel for fishing having an obliquely oriented line guide roller	242/231		Kaneko; Kyoichi et al.
US 5780966 A	USPAT	19980714		Electroluminescent device with improved blue color purity	313/506	313/503	Kato; Akira et al.
US 5772797 A	USPAT	19980630		Soft magnetic thin film, method for preparing same and magnetic head	148/306	148/310; 148/311; 148/318; 420/128	Nakanishi; Kanji et al.
US 5772436 A	USPAT	19980630		Odontotherapeutic hand piece	433/126	433/132	Matsui; Akira et al.
US 5769344 A	USPAT	19980623		Spinning reel for fishing having a line roller for reducing line twist	242/231	242/230	Kaneko; Kyoichi et al.
US 5766433 A	USPAT	19980616		Solid electrolyte type gas sensor	204/424	204/421; 204/426; 205/784	Can; Zhang Yi et al.
US 5765771 A	USPAT	19980616		Positive securement for a fishing reel handle folding device	242/284		Yamaguchi; Akira et al.

US 5763111 A	USPAT	19980609		Electroluminescence element and process for fabricating same	428/691	313/503; 313/504; 427/66; 428/690; 428/917	Katayama; Masayuki et al.
US 5761394 A	USPAT	19980602		Color image communication apparatus and method having two modes	358/1.9	358/1.15; 358/502; 358/505; 358/518; 358/539; 382/162	Sugiura; Susumu et al.
US 5759426 A	USPAT	19980602		Heat treatment jig for semiconductor wafers and a method for treating a surface of the same	216/79	134/1.3; 427/309; 427/402; 427/534	Kobayashi; Norihiro et al.
US 5757476 A	USPAT	19980526		Analyzer for analyzing particle components in urine with flow cytometry	356/73	356/318; 356/338; 702/27	Nakamoto; Hiroyuki et al.
US 5757475 A	USPAT	19980526		Analyzer for analyzing casts in urine with flow cytometry	356/73	356/318; 356/338; 702/28	Katayama; Masayuki et al.
US 5755878 A	USPAT	19980526		Method for vapor phase growth	117/90	117/103; 117/84; 117/93; 427/248.1; 427/255.11	Habuka; Hitoshi et al.
US 5751857 A	USPAT	19980512		Image processing method	382/232	341/56; 345/214; 345/619; 382/240	Kobayashi; Shigetada
US 5749974 A	USPAT	19980512		Method of chemical vapor deposition and reactor therefor	118/725	118/715; 118/724	Habuka; Hitoshi et al.
US 5747929 A	USPAT	19980505		Electroluminescence element and method for fabricating same	313/503	313/506	Kato; Akira et al.
US 5747146 A	USPAT	19980505		Printing medium and ink jet print	428/206	428/195.1; 428/211.1; 428/323; 428/328; 428/329;	Kashiwazaki; Akio et al.

						428/330; 428/331; 428/409; 428/520	
US 5742048 A	USPAT	19980421		Sucking failure detecting device	250/222.1	228/246; 228/41; 250/559.4	Kobayashi; Shigeharu et al.
US 5740028 A	USPAT	19980414		Information input/output control device and method therefor	725/149	700/28; 700/79; 709/223	Sugiyama; Mitsumasa et al.
US 5734403 A	USPAT	19980331		Ink-jet recording process, and ink set and ink-jet recording apparatus for use in such process	347/101	347/100	Suga; Yuko et al.
US 5733637 A	USPAT	19980331		Recording medium, image forming method using the same and printed product	428/207	347/105; 347/56; 428/206; 428/328; 428/500	Moriya; Kenichi et al.
US 5731867 A	USPAT	19980324		Analyzer for analyzing erythrocytes in urine with flow cytometry	356/73	356/318; 356/338	Katayama; Masayuki
US 5731505 A	USPAT	19980324		Inbred broccoli line SA-5	800/260	47/DIG.1; 800/273; 800/274; 800/306	Sasayama; Junichi et al.
US 5729265 A	USPAT	19980317		Recording paper and ink-jet recording process making use of the same	347/100	347/105	Sakaki; Mamoru et al.
US 5722294 A	USPAT	19980303		Seal member for use in ball screw apparatus	74/89.4	277/500; 277/912	Kobayashi; Shigeharu et al.
US 5720013 A	USPAT	19980217		Scanner printer server and method for selectively outputting scanned information to an information processing	358/1.15	358/1.6; 709/203	Uda; Toyokazu et al. □

				apparatus in accordance with a pre-scan command and a scan command			
US 5718762 A	USPAT	19980217		Method for vapor-phase growth	117/97	117/89; 117/90	Habuka; Hitoshi et al.
US 5714274 A	USPAT	19980203		Electroluminescent device and method for producing the same	428/690	313/504; 428/691; 428/917; 445/24	Sugiura; Kazuhiko et al.
US 5712051 A	USPAT	19980127		Electroluminescent device and method for fabricating same	428/690	313/504; 428/691; 428/917	Sugiura; Kazuhiko et al.
US 5707500 A	USPAT	19980113		Vacuum processing equipment, film coating equipment and deposition method	204/298.03	118/666; 118/667; 118/688; 118/719; 118/724; 118/725; 118/729; 156/345.27; 204/298.09; 204/298.25; 204/298.32; 204/298.35	Shimamura; Hideaki et al.
US 5698128 A	USPAT	19971216		Microwave oven with a projection for uniform heating within the cavity	219/745	219/728; 219/754; 219/756	Sakai; Haruo et al.
US 5696034 A	USPAT	19971209		Method for producing semiconductor substrate	148/33.1	148/DIG.135; 257/E21.088; 257/E21.383	Katayama; Masatake et al.
US 5681643 A	USPAT	19971028		Active energy ray-curable composition, recording medium and image-forming method employing the same	428/195.1	347/105; 428/411.1; 428/462; 428/500; 428/507; 428/532	Noguchi; Hiromichi et al.
US 5670421 A	USPAT	19970923		Process for forming multilayer wiring	438/641	257/E21.585; 257/E23.145; 438/675; 438/677	Nishitani; Eisuke et al.
US 5667607	USPAT	19970916		Process for	156/67	313/504;	Sugiura;

A				fabricating electroluminescent device		427/107; 428/117; 428/690; 428/691	Kazuhiko et al.
US 5663032 A	USPAT	19970902		Photosensitive composition containing photosensitive and heat developable element and polymer element and image-forming method utilizing the same	430/203	430/253; 430/281.1; 430/328; 430/330	Fukui; Tetsuro et al.
US 5661511 A	USPAT	19970826		Ink-jet printing method and method of producing print	347/100	106/31.36; 106/31.38; 106/31.39; 106/31.54; 106/31.55; 347/105	Kashiwazaki; Akio et al.
US 5661340 A	USPAT	19970826		Dynamic random access memory having a stacked fin capacitor with reduced fin thickness	257/680	257/308; 257/68; 257/71; 257/E27.089; 438/253; 438/254; 438/739	Ema; Taiji et al.
US 5654440 A	USPAT	19970805		Method for production of optically active (+)-4,4,4-trifluoro-3-(indole-3-)butyric acid	548/494		Kato; Katsuya et al.
US 5652167 A	USPAT	19970729		Method of liquid treatment of micro-structures comprising structural members liable to be bent	438/397	134/42; 216/6; 257/E21.228	Nakano; Motoo et al.
US 5652002 A	USPAT	19970729		Vibration apparatus for concrete molding box	425/432	264/71; 425/456; 74/61	Kobayashi; Shigeru
US 5650353 A	USPAT	19970722		Method for production of SOI substrate	438/458	148/DIG.12; 148/DIG.135; 257/E21.122; 438/459	Yoshizawa; Katsuo et al.

US 5648164 A	USPAT	19970715		Recording paper and ink-jet recording process making use of the same	428/32.18	347/105; 428/32.1; 428/342; 428/409; 428/452; 428/478.8; 428/486; 428/507; 428/521; 428/537.5; 428/688	Sakaki; Mamoru et al.
US 5629110 A	USPAT	19970513		Method for producing cathode active material for non-aqueous electrolyte secondary battery	429/223	423/594.4; 423/596; 429/224	Kobayashi; Shigeo et al.
US 5621672 A	USPAT	19970415		Multitask control system	700/5	700/4; 901/42	Kobayashi; Minoru et al.
US 5620793 A	USPAT	19970415		Printing paper and method of image formation employing the same	428/32.18	347/105; 428/331; 428/479.6; 428/511; 428/535; 428/537.5; 428/537.7	Suzuki; Akio et al.
US 5616098 A	USPAT	19970401		Reduction mechanism for mill and mill having the same	475/346	384/308	Katayama; Masanori et al.
US 5612591 A	USPAT	19970318		Electroluminescent device	313/503	313/506; 428/917	Katayama; Masayuki et al.
US 5610454 A	USPAT	19970311		Wire harness production controlling method	307/147	174/72A; 29/755; 361/826; 439/34	Nishikawa; Yasuo et al.
US 5610447 A	USPAT	19970311		Wire harness and method of manufacturing the same	307/38	174/72A; 29/755; 361/826; 439/34	Nishikawa; Yasuo et al.
US 5608824 A	USPAT	19970304		Image processing apparatus in which filters having different filtering characteristics can be switched among	382/276		Shimizu; Kazuo et al.

				themselves			
US 5604012 A	USPAT	19970218		Hollow fiber fabric and process for producing the same	428/136	210/500.23; 210/924; 264/154; 264/162; 264/171.26; 264/177.14; 428/398; 428/400; 442/338	Okamoto; Ichiro et al.
US 5601928 A	USPAT	19970211		Sheet for marking, marked sheet, and method for manufacturing said sheet	428/500	347/106; 428/195.1; 428/203; 428/207; 428/213; 428/323; 428/411.1; 428/483	Katayama; Masato et al.
US 5599648 A	USPAT	19970204		Surface reforming method, process for production of printing plate, printing plate and printing process	430/256	101/463.1; 101/467; 430/262; 430/263; 430/264; 430/291; 430/300; 430/302; 430/309; 430/327; 430/328; 430/330; 430/350; 430/353	Kondo; Yuji et al.
US 5598373 A	USPAT	19970128		Semiconductor memory system	365/230.03	365/185.09; 365/189.07; 365/200; 714/711	Wada; Shoji et al.
US 5598372 A	USPAT	19970128		Semiconductor memory	365/230.01	365/189.04; 365/222; 365/230.03	Matsumoto; Miki et al.
US 5591514 A	USPAT	19970107		Recording paper, ink-jet recording process and recording system making use of the recording paper	428/32.21	106/31.13; 347/100; 347/105; 428/32.1	Hirose; Mifune et al.
US 5587556	USPAT	19961224		Protective casing	174/74R	174/138F;	Yamamoto;

A				for end connecting part of wire		174/82; 174/87; 174/92	Takatatsu et al.
US 5578552 A	USPAT	19961126		Indole -3-alkanoic acid derivatives and use for increasing sugar content and/or decreasing acidity in fruit	504/285	548/494	Katayama; Masato et al.
US 5577768 A	USPAT	19961126		Air bag device having a minimized cone depth	280/735	280/728.2; 280/731	Taguchi; Masahiro et al.
US 5577095 A	USPAT	19961119		Medical examination apparatus	378/206	378/205	Kobayashi; Shigeo
US 5574247 A	USPAT	19961112		CVD reactor apparatus	118/708	118/712; 118/715; 118/725; 118/728; 118/729	Nishitani; Eisuke et al.
US 5569486 A	USPAT	19961029		Electroluminescence element and process for fabricating same	427/66	427/255.33; 427/69	Katayama; Masayuki et al.
US 5561536 A	USPAT	19961001		Color image communication apparatus and method	358/500	358/501; 358/518; 358/530; 358/539	Sugiura; Susumu et al.
US 5561314 A	USPAT	19961001		Manufacture of semiconductor device with field oxide	257/506	257/308; 257/E21.258; 257/E21.557	Ema; Taiji et al.
US 5555771 A	USPAT	19960917		Fixing structure for mounting member of a nut	74/89.4	277/354; 403/289; 411/438; 411/508; 411/913	Kuroiwa; Daisuke et al.
US 5542600 A	USPAT	19960806		Automatic soldering apparatus, apparatus and method for teaching same, soldering inspection apparatus and method, and apparatus and method for	228/102	228/103; 228/7; 228/9	Kobayashi; Shigeki et al.

				automatically correcting soldering			
US 5538904 A	USPAT	19960723		Method of estimating quantity of boron at bonding interface in bonded wafer	438/17	148/DIG.12; 257/E21.567; 438/455	Mitani; Kiyoshi et al.
US 5534786 A	USPAT	19960709		Burn-in and test method of semiconductor wafers and burn-in boards for use in semiconductor wafer burn-in tests	324/760	324/765	Kaneko; Kazuo et al.
US 5529408 A	USPAT	19960625		Thermal transfer recording method including preheating thermal transfer recording medium	400/120.08	347/179; 347/187; 400/696	Moriguchi; Haruhiko et al.
US 5528270 A	USPAT	19960618		Method for correcting density unevenness for a recording head and an image formation apparatus provided with such a method	347/19	347/6	Tajika; Hiroshi et al.
US 5525534 A	USPAT	19960611		Method of producing a semiconductor device using a reticle having a polygonal shaped hole	438/763	148/DIG.106; 257/E21.016; 257/E21.577; 257/E21.648; 257/E27.089; 438/725; 438/948	Ikemasu; Shinichiro et al.
US 5514235 A	USPAT	19960507		Method of making bonded wafers	438/455	148/DIG.12; 148/DIG.135; 156/153; 156/281; 257/E21.122	Mitani; Kiyoshi et al.
US 5505483 A	USPAT	19960409		Airbag safety module for vehicle	280/728.2	280/728.3; 280/731; 280/735	Taguchi; Masahiro et al.
US 5501716 A	USPAT	19960326		Device for cleaning surrounding air fed to passenger compartment of	96/400	55/309.1; 55/311; 55/312; 55/385.3	Chiba; Takatoshi et al.

				motor vehicle			
US 5498768 A	USPAT	19960312		Process for forming multilayer wiring	438/644	257/E21.585; 257/E23.145; 438/648; 438/675; 438/723; 438/906	Nishitani; Eisuke et al.
US 5496794 A	USPAT	19960305		Fluorine-containing .beta.-indolebutyric acid compounds, and regulation of plant growth therewith	504/284	548/494	Katayama; Masato et al.
US 5496582 A	USPAT	19960305		Process for producing electroluminescent device	427/66	427/126.1; 427/157; 427/255.33; 427/67	Mizutani; Atsushi et al.
US 5483358 A	USPAT	19960109		Color image communication apparatus and method	358/508	358/1.9; 358/539	Sugiura; Susumu et al.
US 5478408 A	USPAT	19951226		SOI substrate and manufacturing method therefor	148/33.3	148/DIG.12; 257/E21.122; 257/E21.321; 438/459	Mitani; Kiyoshi et al.
US 5473339 A	USPAT	19951205		Liquid crystal projector	345/87	345/4	Kanatani; Keiichi et al.
US 5464828 A	USPAT	19951107		Aqueous suspension of sucralfate	514/60	514/53; 514/54	Katayama; Masahide et al.
US 5463742 A	USPAT	19951031		Personal processor module and docking station for use therewith	710/303	361/686; 361/688	Kobayashi; Shigeo
US 5461073 A	USPAT	19951024		Septicemia suppressing substitution fluid preparation	514/557		Katayama; Masami
US 5454859 A	USPAT	19951003		Device for cleaning surrounding air fed to passenger compartment of motor vehicle	96/18	55/385.3; 96/63	Chiba; Takatoshi et al.
US 5453397 A	USPAT	19950926		Manufacture of semiconductor device with field oxide	438/439	257/E21.258; 257/E21.557; 438/449; 438/452	Ema; Taiji et al.

US 5447540 A	USPAT	19950905		Method of dyeing a high heat-resistant synthetic fiber material	8/654	8/662; 8/925; 8/934	Kobayashi; Shigenobu et al.
US 5443412 A	USPAT	19950822		Blasting machining apparatus using abrasive particles like powder	451/5	29/33P; 29/564; 451/11; 451/65; 451/80	Yoshikawa; Takashi et al.
US 5441543 A	USPAT	19950815		Method of dyeing a synthetic fiber-material and dyed synthetic fiber material	8/585	8/602; 8/922	Kobayashi; Shigenobu
US 5438648 A	USPAT	19950801		Image interface device	358/1.6	358/1.13; 358/1.15	Takaoka; Makoto et al.
US 5427850 A	USPAT	19950627		Pressure sensitive tape or sheet	428/355EN	428/355BL; 524/505	Gotoh; Masahiko et al.
US 5427052 A	USPAT	19950627		Method and apparatus for production of extremely thin SOI film substrate	438/8	117/85; 117/86; 216/52; 216/66; 257/E21.218; 257/E21.567; 438/459	Ohta; Yutaka et al.
US 5421915 A	USPAT	19950606		Method for preparing same and magnetic head	148/304	148/306	Nakanishi; Kanji et al.
US 5398052 A	USPAT	19950314		Image forming apparatus using overlapping light beams	347/233	347/129	Isaka; Kazuo et al.
US 5393638 A	USPAT	19950228		Image forming method	430/201	430/138; 430/253; 430/254; 430/255; 430/258; 430/350	Mouri; Akihiro et al.
US 5393622 A	USPAT	19950228		Process for production of positive electrode active material	429/223	423/594.1	Nitta; Yoshiaki et al.
US 5393370 A	USPAT	19950228		Method of making a SOI film having a more uniform thickness in a SOI	438/8	257/E21.218; 257/E21.567; 438/9; 438/977	Ohta; Yutaka et al.

				substrate			
US 5385784 A	USPAT	19950131		Deeply dyed polyester fabric	428/369	428/364; 428/366; 428/370; 428/373; 428/393; 428/395; 428/401	Sasaki, Yoshiyuki et al.
US 5380222 A	USPAT	19950110		Connector for circuit boards, and device using same	439/590	439/78	Kobayashi; Shigeyuki
US 5377312 A	USPAT	19941227		Image processing apparatus capable of expanding compressed data	358/1.17	347/5	Kobayashi; Shigetada
US 5376215 A	USPAT	19941227		Apparatus for production of extremely thin SOI film substrate	156/345.24	156/345.5; 216/79; 257/E21.218; 257/E21.567	Ohta; Yutaka et al.
US 5374496 A	USPAT	19941220		Image forming method	430/202	430/227; 430/256; 430/261; 430/281.1; 430/292; 430/330; 430/348; 430/349; 430/374; 430/493	Kagami; Kenji et al.
US 5370540 A	USPAT	19941206		Circuit board connector and a board using the same	439/78	439/590	Kobayashi; Shigeyuki
US 5368620 A	USPAT	19941129		Device for cleaning surrounding air fed to passenger compartment of motor vehicle	96/414	454/146; 454/158; 55/311; 55/312; 55/385.3; 96/60	Chiba; Takatoshi et al.
US 5366676 A	USPAT	19941122		Method and apparatus for manufacturing concrete panels by continuous pressing	264/70	264/150; 264/157; 264/163; 264/211.11; 264/297.7; 264/312; 264/333;	Kobayashi; Shigeru

						264/71; 264/DIG.31; 425/220; 425/262; 425/308; 425/427; 425/432; 425/433; 425/434; 425/456; 425/64	
US 5364732 A	USPAT	19941115		Image forming method and image forming medium	430/201	347/172; 430/200; 430/203; 430/292; 430/330; 503/208; 503/227	Mouri; Akihiro et al.
US 5362621 A	USPAT	19941108		Direct positive silver halide photographic material and method for forming high contrast positive image using the same	430/596	430/378; 430/411; 430/440; 430/587; 430/600; 430/613	Obi; Naoki et al.
US 5337465 A	USPAT	19940816		Chip part handling apparatus	29/740	29/741; 29/743; 29/759	Tamaki; Kuniaki et al.
US 5336634 A	USPAT	19940809		Dielectrically isolated substrate and a process for producing the same	438/406	148/DIG.12; 148/DIG.50; 257/E21.223; 257/E21.233; 257/E21.564; 257/E21.572; 438/459	Katayama; Masatake et al.
US 5325639 A	USPAT	19940705		Method for dressing a grinding wheel	451/39	451/38	Kuboyama; Matao et al.
US 5323561 A	USPAT	19940628		Blasting apparatus using mixture gas and powder	451/80	451/102; 451/84; 451/87; 451/89	Yoshikawa; Takashi et al.
US 5317363 A	USPAT	19940531		Image forming apparatus using dry silver salt material	355/27	355/67; 355/70	Isaka; Kazuo et al.
US 5316840	USPAT	19940531		Wallpaper	428/318.4	428/513;	Kubo; Kouji et al.

A						428/537.5; 428/904.4	
US 5313286 A	USPAT	19940517		Image data processing apparatus and method thereof	358/3.07	358/3.08; 358/518; 358/534	Sugiura; Susumu et al.
US 5305861 A	USPAT	19940426		Integrated backing plate for a drum brake	188/328	188/206A; 188/218A	Kobayashi; Shigeyoshi
US 5292774 A	USPAT	19940308		Substitution fluid preparation comprising 3-hydroxy-butyric acid (.beta.-hydroxybutric acid) and its salts	514/557		Hiraide; Atsushi et al.
US 5289551 A	USPAT	19940222		Wye-branching optical circuit	385/45		Nakama; Kenichi et al.
US 5289447 A	USPAT	19940222		Track cross signal generation circuit of optical disk device for correctly outputting track cross signal and correctly and stably carrying out seek operation even within high-speed region of beam	369/44.28	369/44.29; 369/44.32; 369/44.35	Kobayashi; Shigeko et al.
US 5286781 A	USPAT	19940215		Pressure sensitive adhesive composition and pressure sensitive adhesive tape or sheet making use of the same	524/505	524/271	Gotoh; Masahiko et al.
US 5273843 A	USPAT	19931228		Non-aqueous inorganic electrolyte cell	429/101	429/251; 429/252; 429/254	Fukuda; Hiroshi et al.
US 5266441 A	USPAT	19931130		Image forming medium and image forming method	430/201	347/172; 347/232; 430/270.1; 430/271.1; 430/280.1; 430/286.1; 430/287.1;	Kondo; Yuji et al.

						503/201; 503/208	
US 5260164 A	USPAT	19931109		Photosensitive material and image forming method	430/260	430/255; 430/286.1	Fukui; Tetsuro et al.
US 5258282 A	USPAT	19931102		Dry process, silver salt photosensitive member and method for forming image with the dry process, silver salt photosensitive member	430/619	430/203; 430/217; 430/222; 430/273.1; 430/281.1; 430/576; 430/584; 430/588; 430/944	Kagami; Kenji et al.
US 5254471 A	USPAT	19931019		Carrier for cell culture	435/399	435/180; 435/402	Mori; Yuuichi et al.
US 5252140 A	USPAT	19931012		Solar cell substrate and process for its production	136/258	136/256; 257/E31.042; 257/E31.126; 427/126.2; 427/165; 428/432; 438/96; 65/114; 65/60.5; 65/60.51; 65/60.52; 65/60.53	Kobayashi; Shigeyoshi et al.
US 5245671 A	USPAT	19930914		Apparatus for inspecting printed circuit boards and the like, and method of operating same	382/150	356/237.5; 356/418; 356/613; 382/321	Kobayashi; Shigeki et al.
US 5244317 A	USPAT	19930914		Slurry supplying device in a wet blasting system	406/136	406/146	Kuboyama; Matao et al.
US 5241250 A	USPAT	19930831		Servomotor control system for multi-axes	318/591	318/53; 318/568.2; 318/573	Nagasawa; Toshiaki et al.
US 5240883 A	USPAT	19930831		Method of fabricating SOI substrate with uniform thin silicon film	438/459	148/DIG.127; 148/DIG.135; 257/E21.122; 257/E21.216; 257/E21.567; 438/746; 438/924	Abe; Takao et al.

US 5233816 A	USPAT	19930810	Leaf paper bundling apparatus	53/588	100/27; 53/589	Moriya; Koichi et al.
US 5232787 A	USPAT	19930803	Method of making a pressure sensitive adhesive tape or sheet	428/523	427/208.4; 427/208.8; 427/322	Gotoh; Masahiko et al.
US 5229931 A	USPAT	19930720	Nut runner control system and method of monitoring nut runners	700/4	700/169; 700/7; 81/467	Takeshima; Akira et al.
US 5224244 A	USPAT	19930706	Bundling fastener	24/16PB	24/17AP; 248/74.3	Ikeda; Tomohiro et al.
US 5223080 A	USPAT	19930629	Method for controlling thickness of single crystal thin-film layer in SOI substrate	216/2	257/E21.218; 257/E21.567	Ohta; Yutaka et al.
US 5187592 A	USPAT	19930216	Image communication method and apparatus with selection of binarization method for transmission	358/426.05	358/426.12	Sugiyama; Mitsumasa et al.
US 5187041 A	USPAT	19930216	Image forming method and image forming apparatus	430/201	430/202; 430/203; 430/952	Mouri; Akihiro et al.
US 5183783 A	USPAT	19930202	Method for production of dielectric-separation substrate	438/404	257/E21.56; 438/488; 438/928; 438/977	Ohta; Yutaka et al.
US 5175028 A	USPAT	19921229	Method of forming layers on a support	427/407.1	427/409; 427/412; 427/412.2; 427/412.3; 427/412.5; 427/419.8; 427/420	Tanaka; Takeshi et al.
US 5173341 A	USPAT	19921222	Rubber-reinforcing steel wires and method of manufacturing the same	427/434.6	152/451; 152/565; 427/434.7; 428/379	Shiratori; Nobuyoshi et al.
US 5171708 A	USPAT	19921215	Method of boron diffusion into	438/558	148/DIG.37; 257/E21.148;	Katayama; Masatake et al.

				semiconductor wafers having reduced stacking faults		438/560; 438/909; 438/920	
US 5171657 A	USPAT	19921215		Light sensitive image forming medium	430/271.1	430/201; 430/202; 430/203; 430/227; 430/236; 430/261; 430/264; 430/281.1; 430/292; 430/330; 430/348; 430/349; 430/374; 430/496	Kagami; Kenji et al.
US 5168671 A	USPAT	19921208		Dressing method and apparatus for super abrasive grinding wheel	451/36	125/11.01; 451/38; 451/444; 451/56	Kataoka; Shigeaki et al.
US 5167539 A	USPAT	19921201		Noise suppressing connector	439/620	333/185	Okamoto; Hiroyuki et al.
US 5164445 A	USPAT	19921117		Polyamide resin composition	525/41	525/10; 525/42; 525/425	Nishida; Takashi et al.
US 5162925 A	USPAT	19921110		Color image processor capable of performing masking using a reduced number of bits	358/447	358/515	Takaoka; Makoto et al.
US 5160360 A	USPAT	19921103		Process for producing low-loss embedded waveguide	65/30.13	65/117; 65/60.51	Seki; Masafumi et al.
US 5152496 A	USPAT	19921006		Lock structure for vehicle mounted type electronic equipment	248/551	248/27.1; 70/58	Kobayashi; Shigetoshi
US 5140441 A	USPAT	19920818		Multilevel-coding apparatus and multilevel-coding method using an optimal sized window beginning	358/3.08		Sugiura; Susumu et al.

				from the smallest to a larger size			
US 5133820 A	USPAT	19920728		Thermal transfer material	428/32.7	156/277; 427/146; 427/197; 427/256; 427/288; 428/206; 428/327; 428/913; 428/914	Katayama; Masato et al.
US 5124274 A	USPAT	19920623		Method for production of dielectric-separation substrate	438/406	257/E21.311; 257/E21.56; 257/E21.564; 257/E21.572; 438/430; 438/459	Ohki; Konomu et al.
US 5117321 A	USPAT	19920526		Soft magnetic thin film, method for preparing same and magnetic head	360/120	360/126	Nakanishi; Kanji et al.
US 5115600 A	USPAT	19920526		Dressing method and apparatus for super abrasive grinding wheel	451/75	125/11.01; 451/72	Kataoka; Shigeaki et al.
US 5109753 A	USPAT	19920505		Power steering valve assembly mechanism with offset valve sleeve bore	91/375A	137/625.23; 74/388PS	Kobayashi; Shigeki
US 5106676 A	USPAT	19920421		Transfer medium for heat-sensitive transfer recording	428/212	428/195.1; 428/329; 428/331; 428/336; 428/913; 428/914	Sato; Hiroshi et al.
US 5093797 A	USPAT	19920303		Apparatus for inspecting packaged electronic device	716/16	348/126; 356/392; 356/394; 382/147; 716/17	Yotsuya; Teruhisa et al.
US 5093168 A	USPAT	19920303		Image-receiving sheet element with linear polyethylene cover sheet	428/40.8	428/476.1; 428/516; 428/518; 428/523; 430/256;	Suzuki; Tamotsu et al.

						430/257; 430/259; 430/262; 430/263	
US 5091039 A	USPAT	19920225		Method and apparatus for applying elastic band onto moving web	156/519	156/164; 156/552	Ujimoto; Hiroshi et al.
US 5073791 A	USPAT	19911217		Image forming device	355/27	101/467	Mouri; Akihiro et al.
US 5064744 A	USPAT	19911112		Photosensitive material and image forming method	430/255	430/138; 430/200; 430/202; 430/253; 430/254; 430/617	Fukui; Tetsuro et al.
US 5062491 A	USPAT	19911105		Apparatus for controlling nut runner	173/181	173/1	Takeshima; Akira et al.
US 5055329 A	USPAT	19911008		Image-receiving sheet material and process for the formation of a transferred image	428/40.5	428/409; 428/500; 430/257; 430/259; 430/260; 430/262; 430/263	Namiki; Tomizo et al.
US 5042203 A	USPAT	19910827		Abrasive disc exchange apparatus for use in vertical-spindle grinding machine	483/33	409/232; 409/234; 451/259; 451/262; 451/331; 451/363	Kobayashi; Shigeo
US 5041369 A	USPAT	19910820		Photosensitive material and image forming method	430/619	430/270.11; 430/617; 430/944; 430/945	Fukui; Tetsuro et al.
US 5039868 A	USPAT	19910813		Method of and apparatus for inspecting printed circuit boards and the like	250/559.08	250/559.34; 348/42; 348/87; 356/613	Kobayashi; Shigeki et al.
US 5032735 A	USPAT	19910716		Method of and apparatus for inspecting printed circuit boards	250/559.34	250/559.45; 356/394	Kobayashi; Shigeki et al.

US D317859 S	USPAT	19910702		Support for electrical wires	D8/364	D13/154	Kobayashi; Shigehiko
US 5021321 A	USPAT	19910604		Photosensitive member and multi-color image forming method	430/201	430/138; 430/199; 430/202; 430/203; 430/222; 430/270.1; 430/327; 430/328; 430/543; 430/552; 430/554; 430/556	Fukui; Tetsuro et al.
US 5004668 A	USPAT	19910402		Image-receiving sheet material and process for the formation of transferred image	430/256	428/339; 428/352; 428/521; 430/257; 430/259; 430/263; 430/950	Namiki; Tomizo et al.
US 5004667 A	USPAT	19910402		Photosensitive material, and image formation process and image formation apparatus using same	430/255	250/318; 430/254; 430/270.1; 430/271.1; 430/330	Arahara; Kozo et al.
US 5003133 A	USPAT	19910326		Multistage pushbutton device and a method for manufacturing same	200/5A	200/343	Kobayashi; Shigetoshi et al.
US 5001032 A	USPAT	19910319		Photosensitive material containing a photosensitive and heat developable element and a polymerizable layer and image-forming method utilizing the same	430/203	430/213; 430/254; 430/619	Katayama; Masato et al.
US 4997730 A	USPAT	19910305		Nonaqueous electrochemical cell and a method of manufacturing the same	429/48	29/623.5; 429/101; 429/52	Morigaki; Kenichi et al.
US 4996763	USPAT	19910305		Method of locating	29/593	29/407.09	Sano; Yukio et al.

A				work in automatic exposing apparatus			
US D314049 S	USPAT	19910122		Biochemical analyzer	D24/186	D24/169; D24/232	Katayama; Masaharu
US 4984390 A	USPAT	19910115		Grinding disc dressing apparatus	451/443	125/11.01; 125/11.16; 125/11.17; 125/11.19	Kobayashi; Shigeo
US 4974238 A	USPAT	19901127		Counter arrangement for determining the life of consumables in office equipment	377/16	377/13; 377/15; 377/20; 377/26; 702/182	Kobayashi; Shigetaka et al.
US 4963239 A	USPAT	19901016		Sputtering process and an apparatus for carrying out the same	204/192.12	204/192.17; 204/192.3; 204/298.06; 204/298.08	Shimamura; Hideaki et al.
US 4957980 A	USPAT	19900918		Polyester resin composition and hollow molded article thereof	525/425	428/35.7; 525/181; 525/182; 525/420; 525/423; 525/931	Kobayashi; Shigeo et al.
US 4955678 A	USPAT	19900911		Engaging structure for a mountable/dismountable electronic apparatus used in a vehicle	312/332.1	312/274; 312/7.1	Kobayashi; Shigeotshi
US 4941939 A	USPAT	19900717		Apparatus for applying an elastic band onto a moving web	156/495	156/160; 156/163; 156/164; 156/494; 604/358	Nomura; Hironori et al.
US 4908926 A	USPAT	19900320		Method of and apparatus for controlling nut runner	29/407.02	173/181; 29/446; 81/469	Takeshima; Akira et al.
US 4902394 A	USPAT	19900220		Sputtering method and apparatus	204/192.12	204/298.08; 204/298.23	Kenmotsu; Akihiro et al.
US 4880324 A	USPAT	19891114		Transfer method for heat-sensitive transfer recording	428/32.75	400/120.03; 400/241.1; 427/256; 428/216; 428/336; 428/412;	Sato; Hiroshi et al.

						428/413; 428/447; 428/474.4; 428/475.5; 428/478.2; 428/480; 428/500; 428/524; 428/537.5; 428/913; 428/914	
US 4880163 A	USPAT	19891114		Gas feeding nozzle for a chemical vapor deposition apparatus	239/422	239/555; 239/568	Kobayashi; Shigeyoshi et al.
US 4877925 A	USPAT	19891031		Multi-stage push button switch device	200/5A	200/343	Kobayashi; Shigetoshi
US 4871799 A	USPAT	19891003		Thermoplastic polymer composition	525/64	525/66; 525/92B; 525/92F	Kobayashi; Shigeo et al.
US 4838969 A	USPAT	19890613		Method for applying an elastic band onto a moving web	156/160	156/201; 156/204; 156/209; 156/303; 604/358	Nomura; Hironori et al.
US 4834845 A	USPAT	19890530		Preparation of Zn- Ni alloy plated steel strip	205/96	205/141; 205/148	Muko; Ryoichi et al.
US 4829595 A	USPAT	19890509		Automobile electronic device	455/346	312/7.1; 455/348; 455/351	Kobayashi; Shigetoshi et al.
US 4813423 A	USPAT	19890321		Instrument for measuring living body components	600/311	600/486; 600/505	Miyasaka; Katsuyuki et al.
US 4806588 A	USPAT	19890221		Polyester resin composition	524/505	524/513; 525/173; 525/174; 525/176; 525/92A	Fujimoto; Susumu et al.
US 4806143 A	USPAT	19890221		Indoleacetic acid derivatives and application thereof as plant growth regulators	504/284	548/494	Marumo; Shingo et al.
US 4805439	USPAT	19890221		Work following	72/419	72/20.1;	Kobayashi;

A				apparatus and method for press working		72/386; 72/389.1; 72/701	Shigeo et al.
US 4804246 A	USPAT	19890214		Light-transmitting fiber of glass core and clad of cured copolymer of fluoroolefin and alkyl ether	385/145	385/128; 524/315; 525/123; 525/200; 526/247; 526/249	Kobayashi; Shigeyoshi et al.
US 4800976 A	USPAT	19890131		Method of controlling power steering device	180/422		Okada; Kunio et al.
US 4784361 A	USPAT	19881115		Automotive electronic device mounting assembly	248/551	248/222.13; 248/27.3; 292/86	Kobayashi; Shigetoshi et al.
US 4783360 A	USPAT	19881108		Thermal transfer material	428/32.7	428/206; 428/32.75; 428/32.77; 428/323; 428/327; 428/913; 428/914	Katayama; Masato et al.
US 4781744 A	USPAT	19881101		Molding method	65/33.9	249/134; 501/10; 65/374.13; 65/66	Kobayashi; Shigeyoshi et al.
US 4775599 A	USPAT	19881004		Cold rolled steel sheets having an improved press formability	428/600	428/687; 428/925	Matsuoka; Saiji et al.
US 4766651 A	USPAT	19880830		Band clamp	24/16PB	248/74.3	Kobayashi; Shigehiko et al.
US 4755596 A	USPAT	19880705		Optically active carbacephems	540/205		Hirata; Tadashi et al.
US 4754175 A	USPAT	19880628		Solid state relay having a thyristor discharge circuit	307/117	250/551; 257/146; 257/292; 257/524; 327/427; 327/429; 327/450; 327/514	Kobayashi; Shigeki et al.
US 4747926 A	USPAT	19880531		Conical-frustum sputtering target and magnetron sputtering apparatus	204/298.12	204/192.12; 204/298.18	Shimizu; Tamotsu et al.

US 4745142 A	USPAT	19880517		Stainproof polyester fiber	524/87	252/301.24; 252/301.28; 252/301.32; 524/157; 524/159; 524/166; 524/265; 524/604; 524/605; 525/408; 525/411; 525/437; 528/274	Ohwaki; Shinji et al.
US 4739338 A	USPAT	19880419		Heat-sensitive transfer recording method	347/171	347/217; 400/241.1; 400/241.2; 430/348	Tanaka; Kazumi et al.
US D295139 S	USPAT	19880412		Hand held can opener	D8/41	D8/36	Ohnishi; Tooru et al.
US 4735072 A	USPAT	19880405		Straightener roll machine for brake shoe	72/133	72/166; 72/199	Kobayashi; Shigeyoshi
US 4724060 A	USPAT	19880209		Sputtering apparatus with film forming directivity	204/298.11	204/192.12; 204/298.12; 204/298.19	Sakata; Masao et al.
US 4718244 A	USPAT	19880112		Air conditioner	62/176.5	236/44C; 62/244	Kobayashi; Shigeru
US 4709751 A	USPAT	19871201		Vehicular air conditioner with defogging feature	165/204	165/43; 454/121; 454/159; 62/244	Ichimaru; Yoshiro et al.
US 4700162 A	USPAT	19871013		Contact mechanism of electrical contact pieces	335/196	200/241; 335/200	Hirawata; Seiichi et al.
US 4693748 A	USPAT	19870915		Composition for staining material	106/35	106/34; 433/203.1; 501/48	Kobayashi; Shigeyoshi et al.
US D291433 S	USPAT	19870818		Cradle for a combined video camera and tape recorder	D14/239	D14/135; D16/202; D16/237	Inai; Takayoshi et al.
US 4670510 A	USPAT	19870602		Polyester type block copolymer composition	525/89	525/174; 525/64; 525/92A	Kobayashi; Takuma et al.
US 4669865 A	USPAT	19870602		Cooling device for a light source in a	355/30	352/202; 353/61;	Bessho; Yoshihiko et al.

				copying machine		355/71	
US 4667072 A	USPAT	19870519		Gas-insulated circuit breaker	218/63		Endo; Fumihiro et al.
US 4666764 A	USPAT	19870519		Antistatic polyester fabric having water repellency	442/60	428/698; 442/80	Kobayashi; Shigenobu et al.
US 4663450 A	USPAT	19870505		Optically active cephalosporin analog	540/205	987/368	Hirata; Tadashi et al.
US 4662924 A	USPAT	19870505		Method for molding calcium phosphate type glass	65/66	501/10; 501/45; 65/374.13; 65/68; 65/71; 65/77	Kobayashi; Shigeyoshi et al.
US D289157 S	USPAT	19870407		Combined video tape recorder and video camera	D16/202		Inai; Takayoshi et al.
US 4650869 A	USPAT	19870317		DX-52-1 compounds and process for preparing the same	544/343	544/342	Hirata; Tadashi et al.
US 4648281 A	USPAT	19870310		Turbine flowmeter	73/861.91	415/142; 415/184; 73/861.92	Morita; Yutaka et al.
US 4638227 A	USPAT	19870120		Method and apparatus for recovering normality in moving sequence of machinery	318/565	318/568.24; 700/79	Katayama; Masanori et al.
US 4636534 A	USPAT	19870113		Photopolymerizable composition	522/116	522/182; 522/44; 525/279	Nawata; Kazuyoshi et al.
US 4631075 A	USPAT	19861223		Composite membrane for gas separation	96/13	210/500.27	Yamabe; Masaaki et al.
US 4623598 A	USPAT	19861118		Flat battery	429/162	429/178	Waki; Eiichi et al.
US 4617279 A	USPAT	19861014		Calcium phosphate type crystallizable glass	501/10	106/35; 501/48	Manabe; Tsuneo et al.
US 4615915 A	USPAT	19861007		Method for forming thick coated film on the welded joint part of welded metallic can	427/239	427/379	Takeda; Susumu et al.

US 4610774 A	USPAT	19860909		Target for sputtering	204/298.12	204/192.15; 204/298.19	Sakata; Masao et al.
US 4610770 A	USPAT	19860909		Method and apparatus for sputtering	204/192.1	204/298.16	Saito; Hiroshi et al.
US 4606802 A	USPAT	19860819		Planar magnetron sputtering with modified field configuration	204/192.15	204/192.12; 204/298.12; 204/298.19	Kobayashi; Shigeru et al.
US 4603022 A	USPAT	19860729		Gas-liquid contactor	261/114.2	202/158; 203/DIG.24	Yoneda; Kenichi et al.
US 4585335 A	USPAT	19860429		Automatic process camera	355/29	271/94; 355/76	Katayama; Masanori et al.
US 4584353 A	USPAT	19860422		Polyester block copolymer composition	525/438	525/411; 525/444	Kobayashi; Takuma et al.
US 4568186 A	USPAT	19860204		Operator selectable multiple mode spectrophotometer	356/308	356/319; 356/328; 702/28	Yoshimura; Manabu et al.
US 4540975 A	USPAT	19850910		Electric horns	340/388.7	381/340; 381/418; 381/86	Kobayashi; Shigeru
US 4539242 A	USPAT	19850903		Pile fabric with non-mushroom shaped cut ends	428/92	26/15R; 26/2R; 28/159; 428/93	Sasaki; Yoshiyuki et al.
US 4525486 A	USPAT	19850625		Process for preparing modified polyolefin particles and foamed article made from the particles	521/59	521/139; 521/56; 521/60; 525/242	Kobayashi; Shigeru et al.
US 4500686 A	USPAT	19850219		Polyester type block copolymer composition	525/408	525/411; 525/437; 525/438; 525/449; 528/297	Kobayashi; Takuma et al.
US 4445903 A	USPAT	19840501		Process for the preparation of woven fabrics of low air permeability	8/492	8/130.1; 8/491; 8/495; 8/496	Minemura; Norihiro et al.
US 4444635 A	USPAT	19840424		Film forming method	204/192.15	204/192.12; 204/192.25; 204/298.2	Kobayashi; Shigeru et al.
US 4441417 A	USPAT	19840410		Pressure fixing device	100/176	118/116; 219/216;	Katayama; Masahiro et al.

						399/339; 427/194; 430/98; 492/37; 492/56; 492/59	
US 4434668 A	USPAT	19840306		Detector for use in measurement of flow speed or flow rate of a fluid	73/861.22	73/866.5	Shinoda; Kazuichi et al.
US 4432213 A	USPAT	19840221		Air-conditioning system of motor vehicle	62/239	296/208; 454/137; 62/244	Katahira; Hiroaki et al.
US 4416820 A	USPAT	19831122		Indole derivatives and a method for production of peptides	530/336	930/10; 930/DIG.698; 930/DIG.783; 930/DIG.802; 930/DIG.811	Fukuda; Tsunehiko et al.
US 4409814 A	USPAT	19831018		Gas extracting device	73/19.11	73/19.02	Onuma; Hideo et al.
US 4408714 A	USPAT	19831011		Heating apparatus for motor vehicles	237/12.3C	236/13; 454/161	Kobayashi; Shigeru
US 4405435 A	USPAT	19830920		Apparatus for performing continuous treatment in vacuum	204/298.25	118/719; 414/217; 414/416.03; 414/937; 414/939	Tateishi; Hideki et al.
US 4404683 A	USPAT	19830913		Blood cell identification and classification system	382/134	348/79; 348/91; 382/309; 386/46	Kobayashi; Shigeki et al.
US 4401539 A	USPAT	19830830		Sputtering cathode structure for sputtering apparatuses, method of controlling magnetic flux generated by said sputtering cathode structure, and method of forming films by use of said sputtering cathode structure	204/192.13	204/192.1; 204/192.15; 204/298.19; 204/298.2	Abe; Katsuo et al.
US 4381503 A	USPAT	19830426		Combination type fire detector	340/584	340/521; 340/589;	Kobayashi; Shigeru

						340/598	
US D268333 S	USPAT	19830322		Thermometer	D10/57	D10/103	Kojima; Yoshio et al.
US 4374074 A	USPAT	19830215		Process for producing fibers with a specially fixed size from melts	264/8	264/14	Ueda; Setsuo et al.
US 4369178 A	USPAT	19830118		Glucosamine peptide derivatives, their production and use	514/8	530/322; 530/331; 930/DIG.500	Yamamura; Yuichi et al.
US 4368448 A	USPAT	19830111		Water cooling apparatus for electric circuit elements	336/61	165/134.1; 165/180; 174/15.1; 204/196.15; 257/E23.098; 285/148.11; 336/62	Kobayashi; Shigeo et al.
US 4336984 A	USPAT	19820629		Apparatus for holding a copy in reproduction camera	352/75	355/75	Komatsubara; Shozi et al.
US 4332896 A	USPAT	19820601		Process for producing cephalosporin analog	435/119	546/112	Hashimoto; Yukio et al.
US 4330968 A	USPAT	19820525		Two-tank high water pressure wet blasting machine with separate supply reservoir for abrasive particles	451/88	451/89; 451/99	Kobayashi; Shigeharu et al.
US 4323523 A	USPAT	19820406		Process and apparatus for producing spherical particles and fibers with a specially fixed size from melts	264/8		Ueda; Setsuo et al.
US 4319435 A	USPAT	19820316		Blasting machine for deburring workpieces	451/3	417/346; 451/100; 451/84; 451/88; 451/89; 451/99	Suzuki; Shigenobu et al.

US 4316958 A	USPAT	19820223		Process for producing optically active cephalosporin analogs	435/119	435/51	Hirata; Tadashi et al.
US 4315720 A	USPAT	19820216		Apparatus for producing spherical particles and fibers with a specially fixed size from melts	425/8	264/8	Ueda; Setsuo et al.
US 4314998 A	USPAT	19820209		6-Deoxyglucosamine-peptide derivatives, their production and use	514/8	260/1; 930/DIG.500	Yamamura; Yuichi et al.
US 4302540 A	USPAT	19811124		Process of producing optically active cephalosporin analogs by enzyme selective deacylation	435/119	435/280; 435/822; 435/823; 435/824; 435/829; 435/830; 435/832; 435/842; 435/843; 435/848; 435/850; 435/859; 435/870; 435/873; 435/874; 435/882; 435/886; 435/910; 435/911	Hirata; Tadashi et al.
US 4289852 A	USPAT	19810915		Process for producing novel bicyclodecadiene compounds	435/136	435/147; 435/911	Marumo; Shingo et al.
US D260647 S	USPAT	19810908		Camera for video tape recorder	D16/202		Saeki; Taisuke et al.
US 4287242 A	USPAT	19810901		Spray-coating process	427/426	427/427.4	Monden; Takeshi et al.
US 4274816 A	USPAT	19810623		Rotary vane compressor with chamfered vane	418/93	418/238; 418/269	Kobayashi; Shigeru et al.

				slots			
US 4253862 A	USPAT	19810303		Decorative air bubble formation in a glassware article	65/75	65/129; 65/132; 65/22; 65/330; 65/332	Kobayashi; Shigeru
US 4250120 A	USPAT	19810210		Novel bicyclodecadiene compounds and process for producing them	568/445		Marumo; Shingo et al.
US 4241689 A	USPAT	19801230		Coating apparatus	118/50	118/407	Kobayashi; Shigeru et al.
US 4215032 A	USPAT	19800729		Polyester composition	524/377	260/DIG.35; 524/539; 524/605; 525/437; 525/438	Kobayashi; Shigeo et al.
US 4178462 A	USPAT	19791211		Novel bicyclodecadiene compounds and process for producing them	562/501	435/136; 435/147; 568/445	Marumo; Shingo et al.
US 4125638 A	USPAT	19781114		Dry cells with stainless steel current collector	429/199	429/224; 429/245	Watanabe; Jun et al.
US 4123426 A	USPAT	19781031		Process for decomposing microbial cells	530/407	252/3; 516/16; 530/420; 530/423; 530/823; 530/824; 530/825; 530/859	Katayama; Masao et al.
US 4113530 A	USPAT	19780912		Method for forming a heat-resistant insulating film on a grain oriented silicon steel sheet	148/113	148/122; 148/27; 148/308; 427/126.3; 427/127	Shimanaka; Hiroshi et al.
US 4094140 A	USPAT	19780613		Timepiece-gas lighter assembly	368/10	361/256; 368/82; 968/402; 968/882; 968/888; 968/DIG.1	Ohue; Hideki et al.
US 4068484	USPAT	19780117		Automatic tunnel	405/144	415/1	Iwamitu;

A				face hydraulic pressure controlling apparatus in shield type hydraulic tunnel boring system			Yasuyuki et al.
US 4052859 A	USPAT	19771011		Method and apparatus of completing slurry shield tunneling at vertical shaft	405/144		Iwamitsu; Yasuyuki et al.
US D245418 S	USPAT	19770816		Video tape recorder cartridge	D14/475		Katayama; Masaharu et al.
US 4039568 A	USPAT	19770802		Process for decomposition of polyurethane foam	560/345	521/49.5; 560/26; 564/330; 564/393; 564/414; 568/716; 568/840; 568/851; 568/852; 568/853	Sakai; Kazuyoshi et al.
US 4036326 A	USPAT	19770719		Lubricating oil pump	184/27.1	184/33; 417/461	Mukai; Osamu et al.
US 4034830 A	USPAT	19770712		Lubricating oil pump	184/27.1	184/33	Mukai; Osamu et al.
US 4002809 A	USPAT	19770111		Method of manufacturing acrylic fibers	524/178	264/182; 523/348; 524/555	Kozuka; Ko et al.
US 3992664 A	USPAT	19761116		Method for measuring parameters of quartz crystal unit and a non-reactive constant resistance element for carrying out the same	324/727	324/619; 324/650	Koga; Issac et al.
US 3987140 A	USPAT	19761019		Method of preparing polyvinyl alcohol fibers having improved properties	264/170	264/185	Mizobe; Akio et al.
US 3985583 A	USPAT	19761012		Method for forming an insulating coating on an	148/245	148/113; 148/258	Shimanaka; Hiroshi et al.

				oriented silicon steel sheet			
US 3980622 A	USPAT	19760914		Polymerizable emulsifying agent and application thereof	528/391	526/240; 526/258; 526/287; 526/323	Kozuka; Ko et al.
US 3943223 A	USPAT	19760309		Method of manufacturing acrylic fibers	264/182	264/210.3; 264/210.5; 264/235.6	Kozuka; Ko et al.
US 3931138 A	USPAT	19760106		N-carbobenzoxy-pyroglutamyl-histidine	548/314.7	530/341	Fujino; Masahiko et al.
US 3930906 A	USPAT	19760106		Method for forming an insulating glass film on a grain-oriented silicon steel sheet having a high magnetic induction	148/308	148/112; 427/127	Irie; Toshio et al.
US 3921710 A	USPAT	19751125		Heat pipe and manufacturing method thereof	165/104.26	228/145; 228/234.2; 29/890.032; 29/896.61	Katayama; Masayoshi
US 3917825 A	USPAT	19751104		Preparation for rectal or vaginal administration containing LH-RH or its analogs	514/15	514/800; 930/130; 930/20; 930/DIG.694	Matsuzawa; Tai et al.
US 3914815 A	USPAT	19751028		Pipe inside cleaning device	15/3.5	451/76	Kobayashi; Shigeharu
US 3907870 A	USPAT	19750923		Polymerizable emulsifying agent	560/195	264/182; 526/240; 526/287	Kozuka; Ko et al.
US 3906672 A	USPAT	19750923		Descaling device	451/75	451/102; 451/909	Kobayashi; Shigeharu
US 3872385 A	USPAT	19750318		Fixture for measuring parameters of quartz crystal units	324/727	324/652; 324/754	Koga; Issac et al.
US 3870694 A	USPAT	19750311		PEPTIDE SYNTHESIS WITH N-HYDROXY-5-NORBORNENE-2,3-DICARBOXIMIDE	530/333	530/328; 530/331; 530/341; 930/130; 930/20; 930/70; 930/DIG.571;	Fujino; Masahiko et al.

						930/DIG.785; 930/DIG.786	
US 3857711 A	USPAT	19741231		SILVER HALIDE PHOTOGRAPHIC EMULSION SENSITIZED WITH A HETEROCYCLIC COMPOUND CONTAINING 4- SULFUR ATOMS	430/600		Ohi; Reiichi et al.
US 3853837 A	USPAT	19741210		NOVEL NONAPEPTIDE AMIDE ANALOGS OF LUTEINIZING HORMONE RELEASING FACTOR	530/313	514/800; 530/328; 930/130; 930/20; 930/DIG.694	Fujino; Masahiko et al.
US 3832631 A	USPAT	19740827		METHOD FOR MEASURING PARAMETERS OF QUARTZ CRYSTAL UNITS AND FIXTURE FOR CARRYING OUT THE SAME	324/727	324/619; 324/652; 324/76.51	Koga; Issac et al.
US 3819334 A	USPAT	19740625		CATALYTIC REACTION APPARATUS FOR PURIFYING WASTE GASES CONTAINING CARBON MONOXIDE	422/173	126/263.02; 165/133; 165/179; 422/176; 422/180; 423/212; 423/247; 60/298; 60/299	Yoshida; Yoshinaga et al.
US 3776102 A	USPAT	19731204		VARIABLE- DISPLACEMENT TYPE FLUID PUMP OR MOTOR	91/483	91/501	Katayama; Masayoshi
US 3754162 A	USPAT	19730821		PHOTOFLASH NETWORK	315/241P	315/157; 315/159	Katayama; Masayoshi
US 3715322 A	USPAT	19730206		EXHAUST GAS CATALYST	502/201	423/213.2; 502/241; 502/302; 502/324	Kobayashi; Shigehiko et al.

US 3656955 A		USPAT	19720418		SILVER HALIDE EMULSION SENSITIZED WITH PENTATHIEPANE	430/600	549/11	Ushimaru; Yoshuke et al.
US 3488362 A		USPAT	19700106	3	LENTHIONINE AND A PROCESS FOR THE PREPARATION THEREOF [TEXT AVAILABLE IN USOCR DATABASE]	549/11		KOBAYASHI SHIGERU et al.